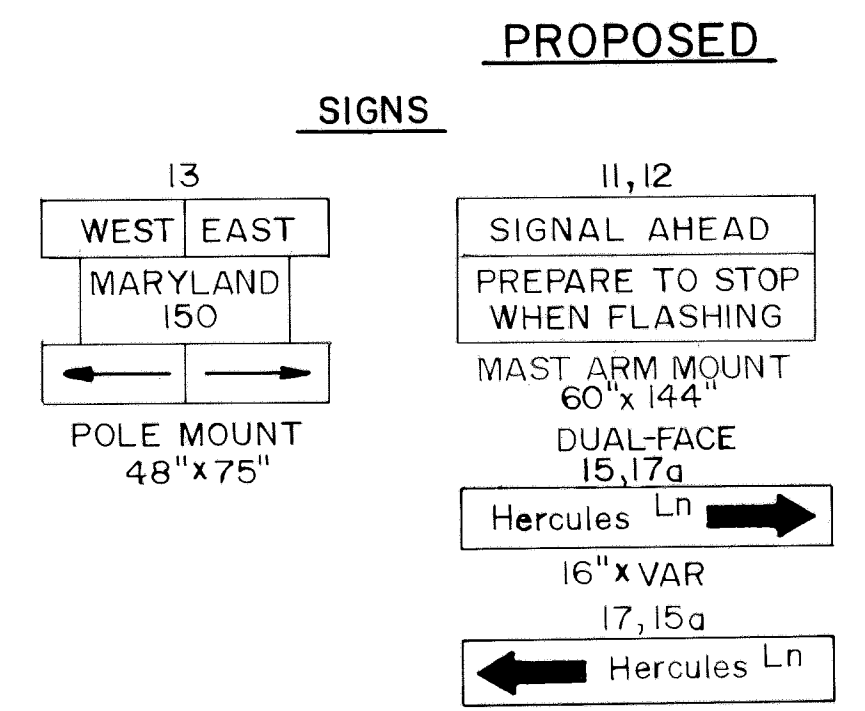
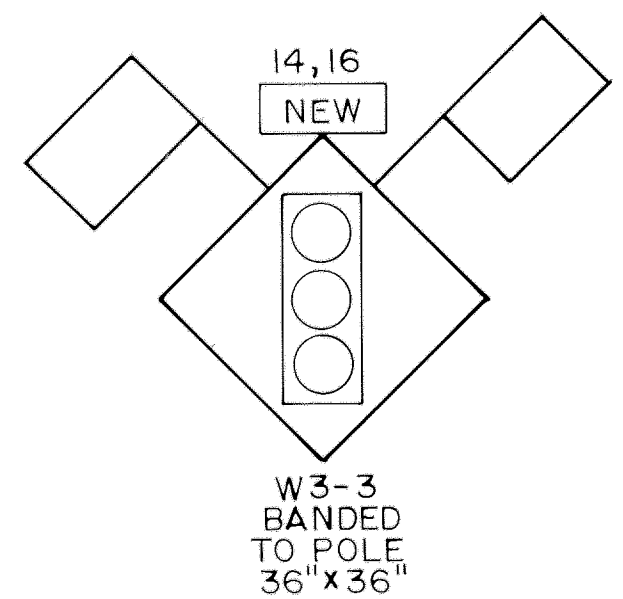
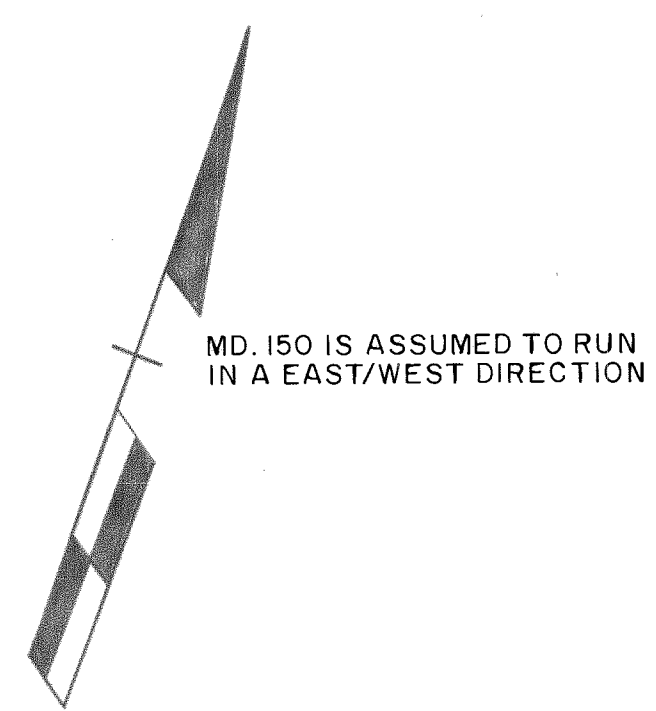


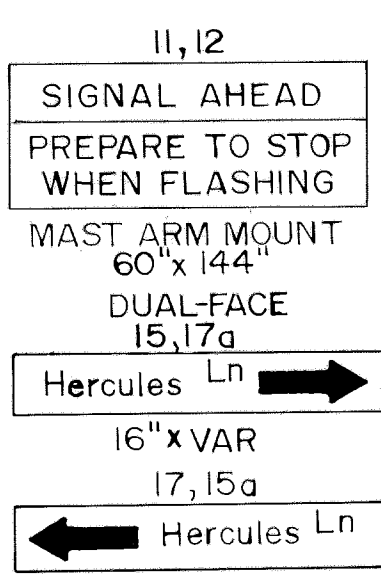
110400

F.H.W.A. REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	MD.			

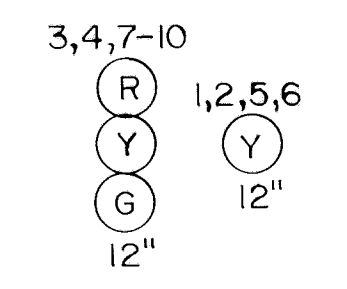


PROPOSED

SIGNS

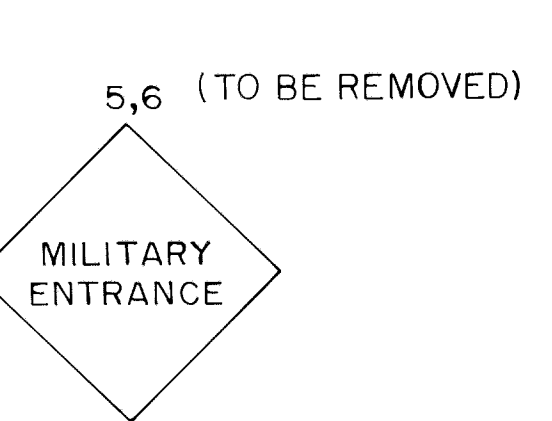


SIGNAL HEADS

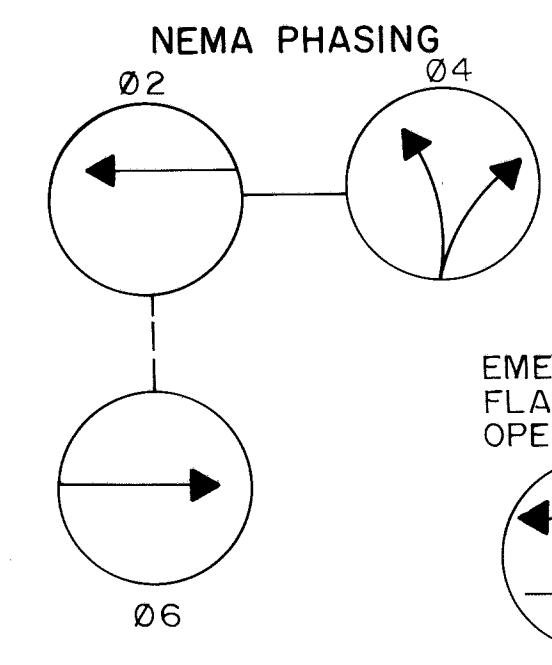
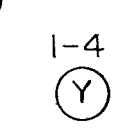


EXISTING

SIGNS



12" SIGNALS

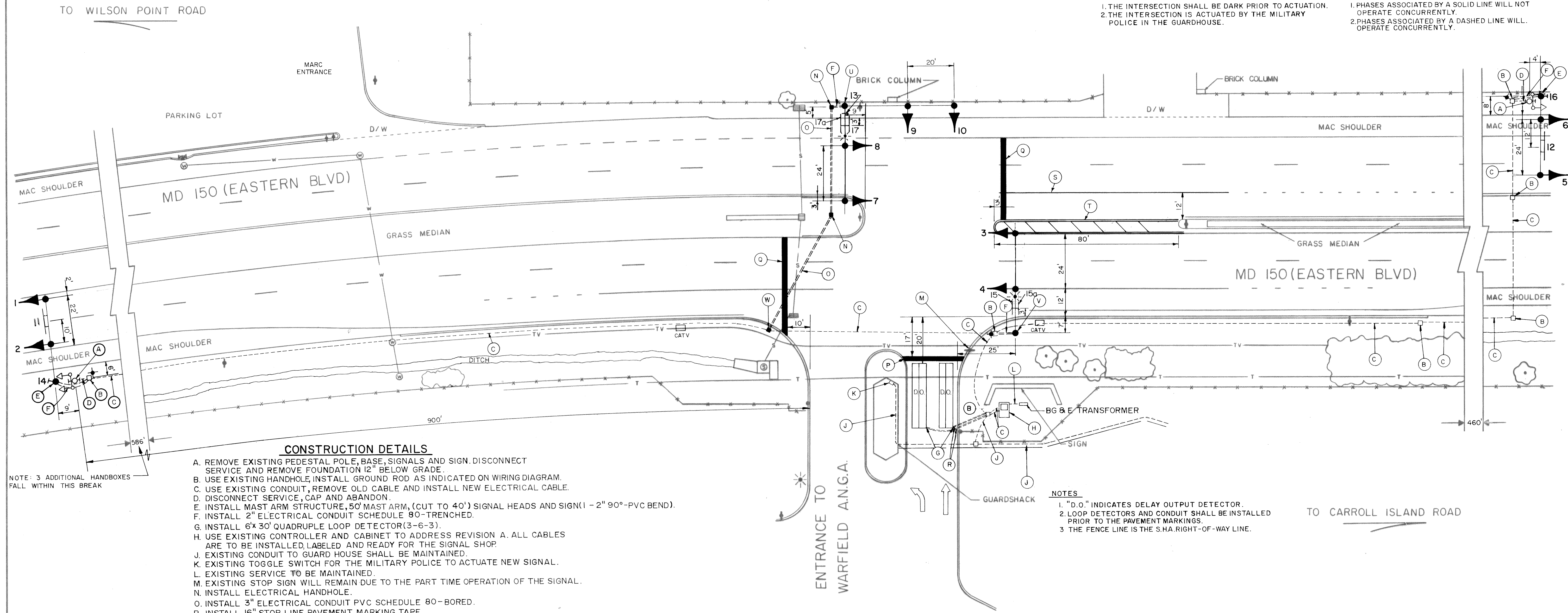


PART TIME SIGNAL

1. THE INTERSECTION SHALL BE DARK PRIOR TO ACTUATION.
2. THE INTERSECTION IS ACTUATED BY THE MILITARY POLICE IN THE GUARDHOUSE.

PHASING NOTES

1. PHASES ASSOCIATED BY A SOLID LINE WILL NOT OPERATE CONCURRENTLY.
2. PHASES ASSOCIATED BY A DASHED LINE WILL OPERATE CONCURRENTLY.



CONSTRUCTION DETAILS

- REMOVE EXISTING PEDESTAL POLE, BASE, SIGNALS AND SIGN. DISCONNECT SERVICE AND REMOVE FOUNDATION 12" BELOW GRADE.
- USE EXISTING HANDHOLE, INSTALL GROUND ROD AS INDICATED ON WIRING DIAGRAM.
- USE EXISTING CONDUIT, REMOVE OLD CABLE AND INSTALL NEW ELECTRICAL CABLE.
- DISCONNECT SERVICE, CAP AND ABANDON.
- INSTALL MAST ARM STRUCTURE, 50' MAST ARM, (CUT TO 40') SIGNAL HEADS AND SIGN (1 - 2" 90°-PVC BEND).
- INSTALL 2" ELECTRICAL CONDUIT SCHEDULE 80-TRENCHED.
- INSTALL 6" 30' QUADRUPEL LOOP DETECTOR (3-6-3).
- USE EXISTING CONTROLLER AND CABINET TO ADDRESS REVISION A. ALL CABLES ARE TO BE INSTALLED, LABELED AND READY FOR THE SIGNAL SHOP.
- EXISTING CONDUIT TO GUARD HOUSE SHALL BE MAINTAINED.
- EXISTING TOGGLE SWITCH FOR THE MILITARY POLICE TO ACTUATE NEW SIGNAL.
- EXISTING SERVICE TO BE MAINTAINED.
- EXISTING STOP SIGN WILL REMAIN DUE TO THE PART TIME OPERATION OF THE SIGNAL.
- INSTALL ELECTRICAL HANDHOLE.
- INSTALL 3" ELECTRICAL CONDUIT PVC SCHEDULE 80-BORED.
- INSTALL 16" STOP LINE PAVEMENT MARKING TAPE.
- INSTALL 24" STOP LINE PAVEMENT MARKING TAPE.
- INSTALL 1" ELECTRICAL CONDUIT GALVANIZED SLEEVE.
- INSTALL 6" SOLID WHITE LINE PAVEMENT MARKING TAPE.
- INSTALL 6" SOLID YELLOW LINE PAVEMENT MARKING TAPE WITH 6" HATCH LINES-10' APART.
- INSTALL MAST ARM STRUCTURE, TWIN 50' MAST ARMS, SIGNAL HEADS AND SIGNS, STREET LIGHTING (1 - 2" 90°-PVC BEND).
- INSTALL MAST ARM STRUCTURE, 50' MAST ARM, SIGNAL HEADS AND SIGN, STREET LIGHTING (1 - 2" 90°-PVC BEND).
- FIND AND RAISE EXISTING HANDHOLE TO GRADE (REBUILD IF NECESSARY).

LEGEND OF UNDERGROUND AND OVERHEAD UTILITIES	
AERIAL CABLE	A
ELECTRIC	E
TELEPHONE	T
GAS	G
SEWER	S
WATER	W
CABLE TV	TV

PHOENIX ENGINEERING, INC.
CONSULTING ENGINEERS
813 MAIDEN CHOICE LANE, SUITE 300
BALTIMORE, MARYLAND 21226
(410) 247-8833 FAX 247-9397

REVISIONS	APPROVALS
	ORIGINAL CHIEF, SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER, TRAFFIC ON
	CHIEF, BUREAU OF TRAFFIC ENGINEERING
	FILE DEPUTY CHIEF ENGINEER, OFFICE OF TRAFFIC

MARYLAND DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION - OFFICE OF TRAFFIC
BUREAU OF TRAFFIC ENGINEERING

DRAWN BY: S.R. BARANOWSKI (FOR STS)
DES. BY: R.R. ZACHERL (FOR STS)
CHK. BY: _____

DATE: 9-24-87
SCALE: 1" = 20'

F.A.P. NO. _____
S.H.# _____

MD 150 AND ENTRANCE TO
WARFIELD AIR NATIONAL GUARD
ARMORY
LOG MILE 030015007.40
COUNTY: BALTIMORE

TS/FILE NO. 2568A
SHEET NO. 1 OF 2